

FIG. 1.

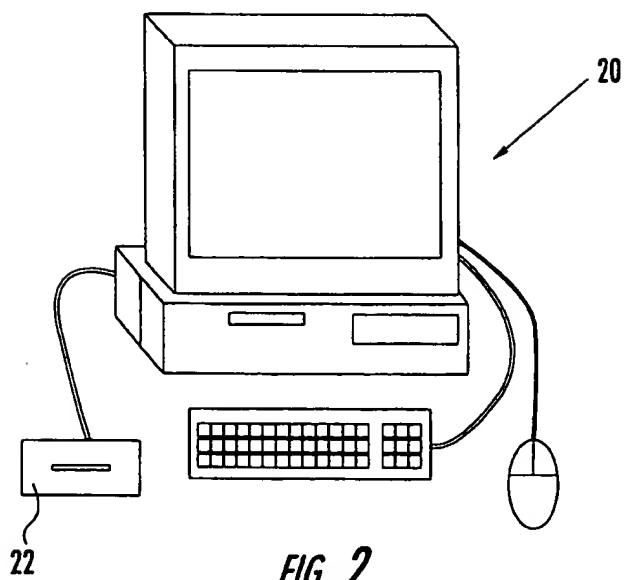
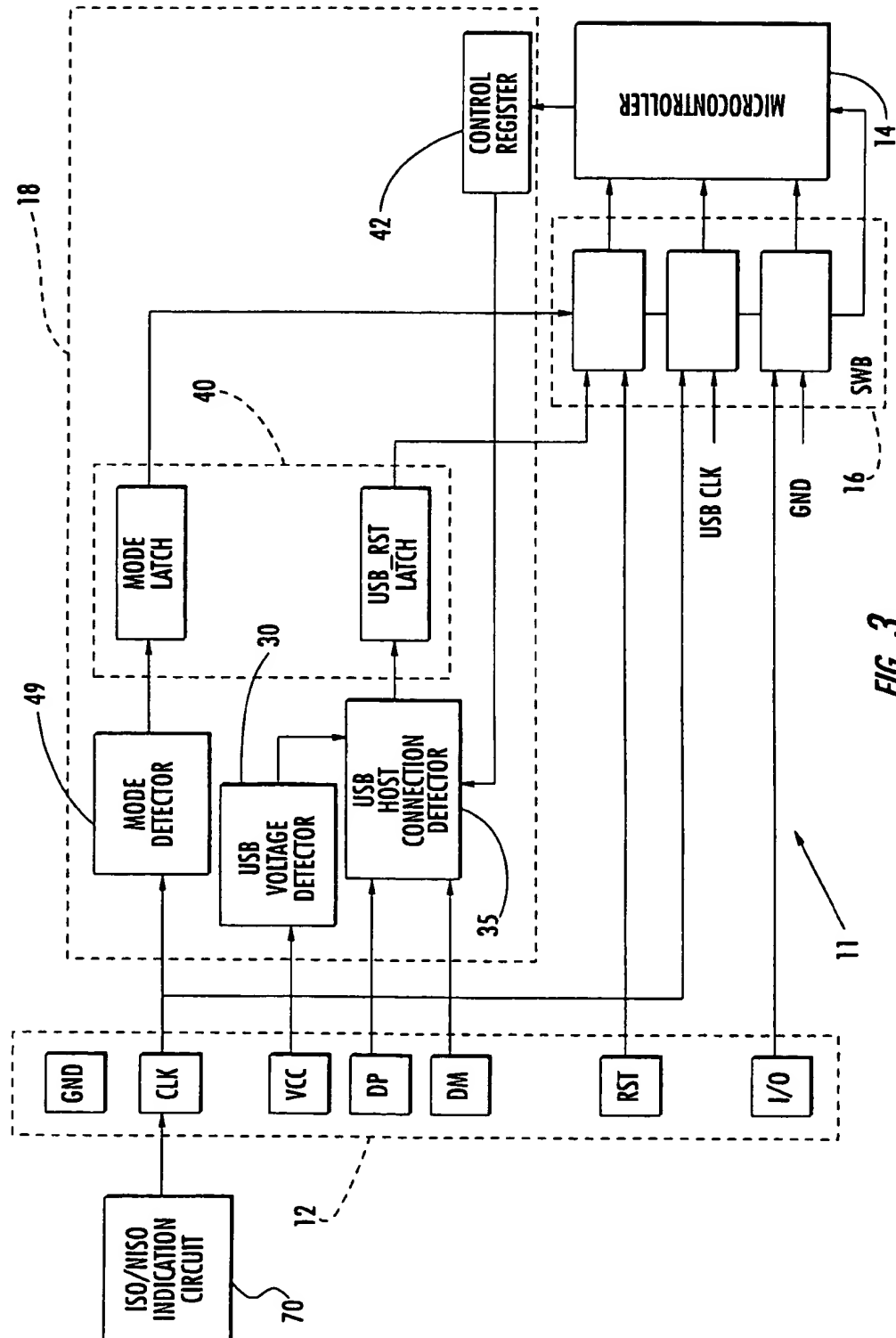


FIG. 2.



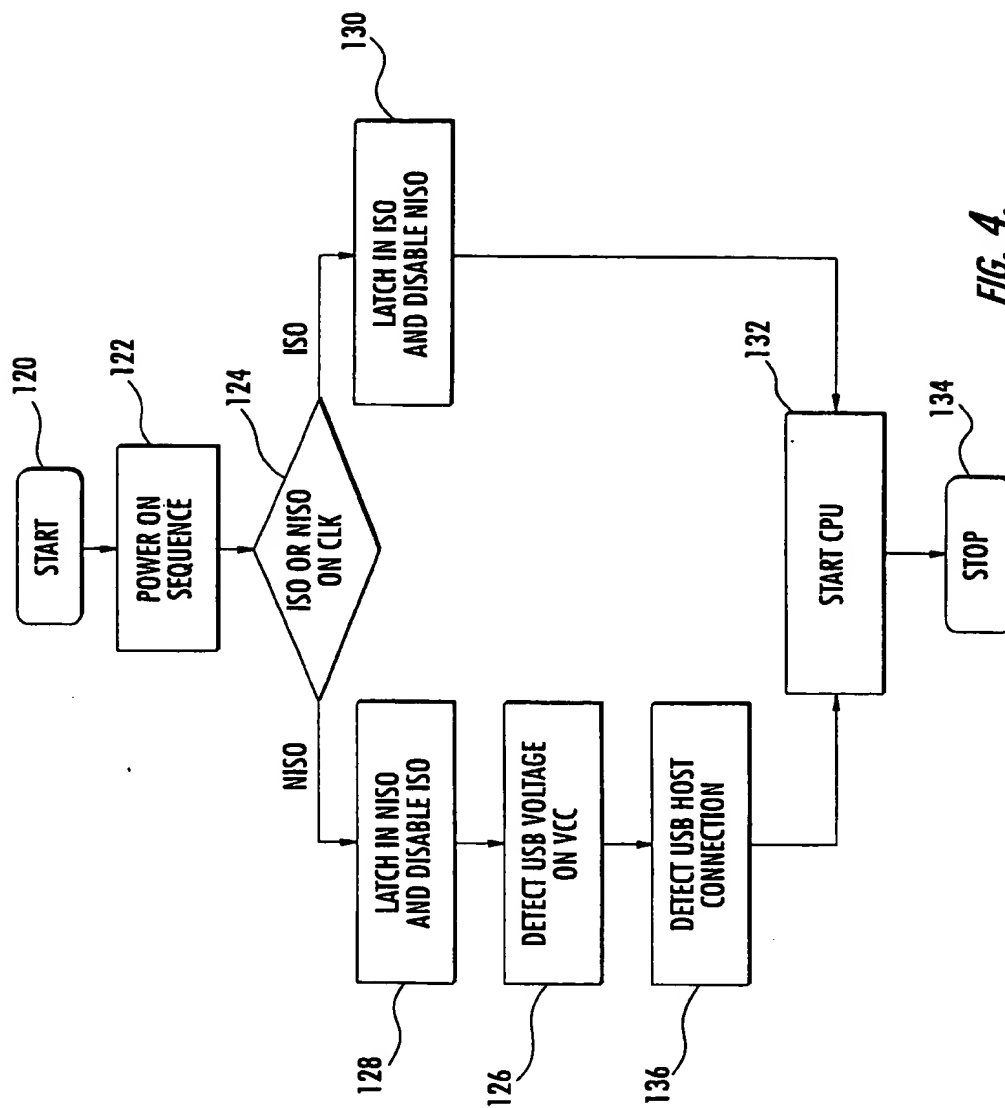


FIG. 4.

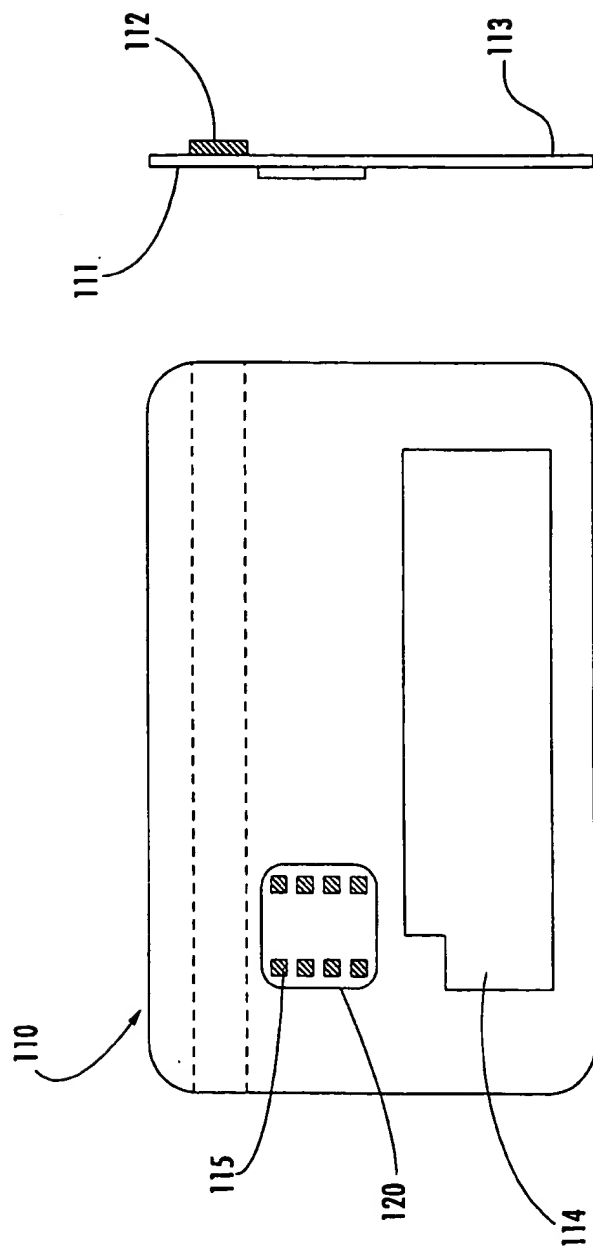


FIG. 5.

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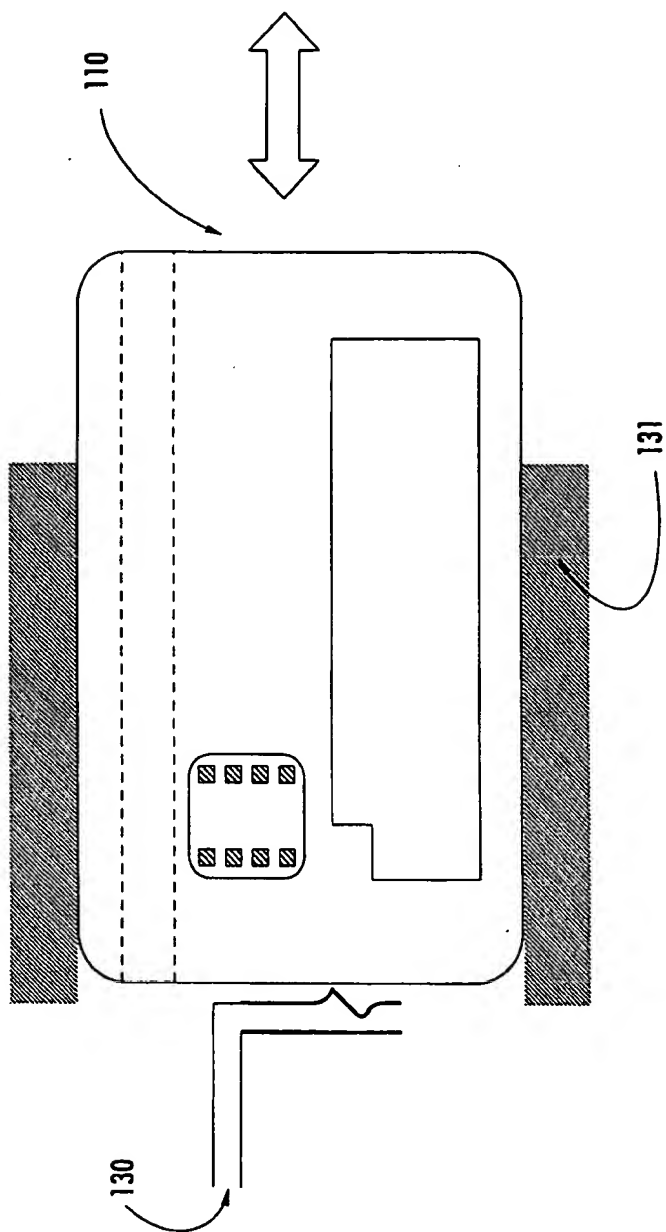


FIG. 6.

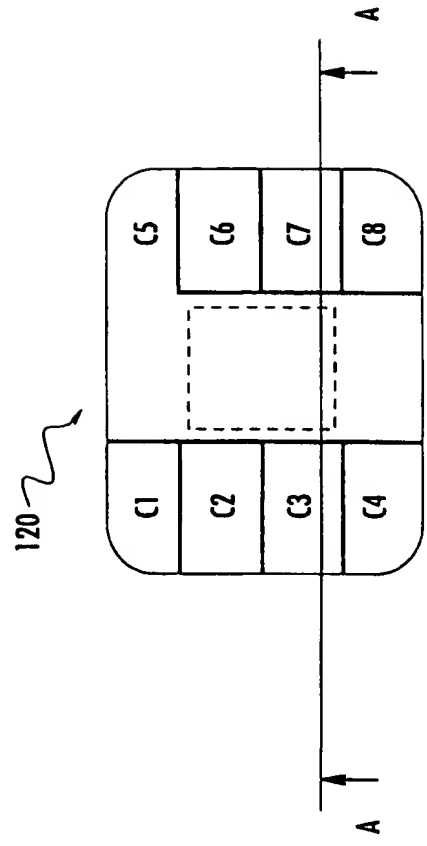


FIG. 7A.

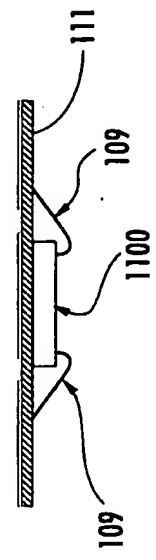


FIG. 7B.

		CONVENTIONAL APPLICATIONS				NEW APPLICATIONS			
		I1	I2	A1	A2				
C1		VCC	VCC	VCC	VCC	USIC	USIC	USC	
C2		USED	USED	RST	RST	VBUS	VBUS		
C3		USED	USED	CLK	CLK	CLK	CLK		
C4		USED	USED			D+	D+	D+	
C5		GND	GND	GND	GND	GND	GND	GND	
C6		VPP	VPP	VPP					
C7		USED	USED	I/O	I/O	I/O	I/O		
C8		USED				D-	D-	D-	

ISO CONTACTS

FIG. 8.

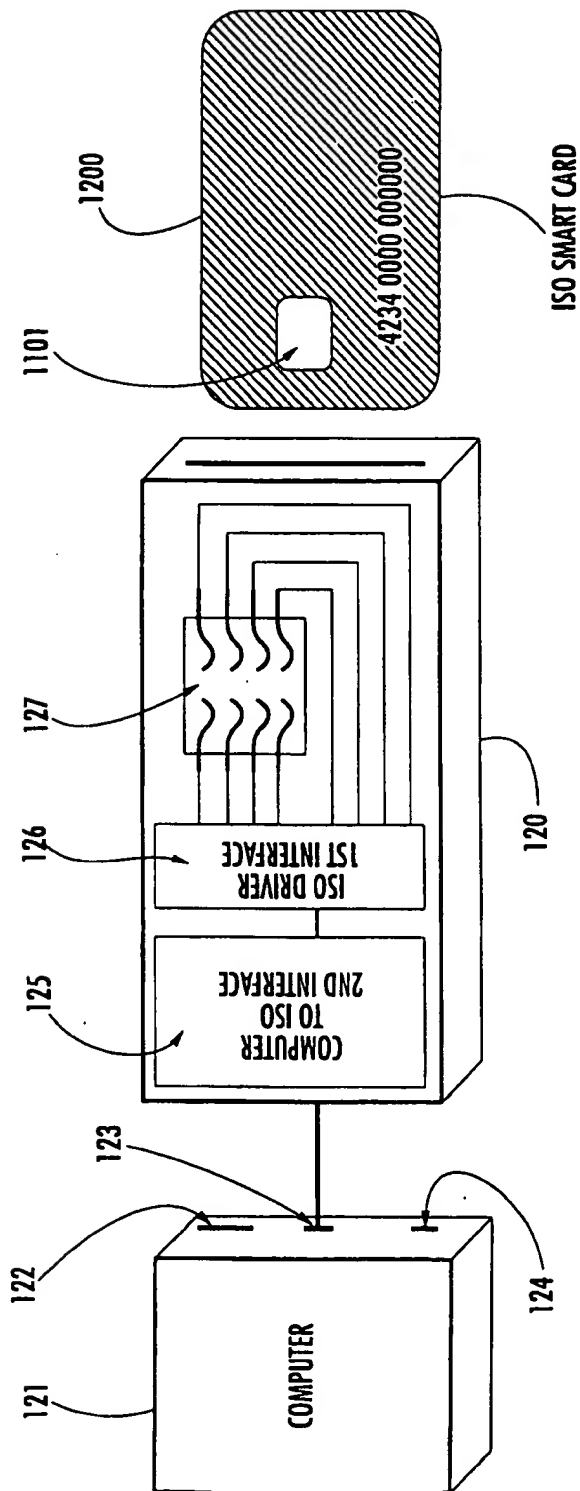
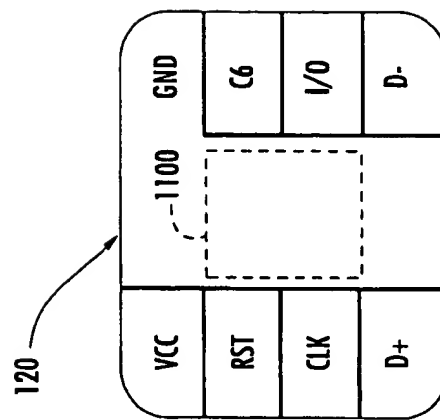


FIG. 9.
PRIOR ART



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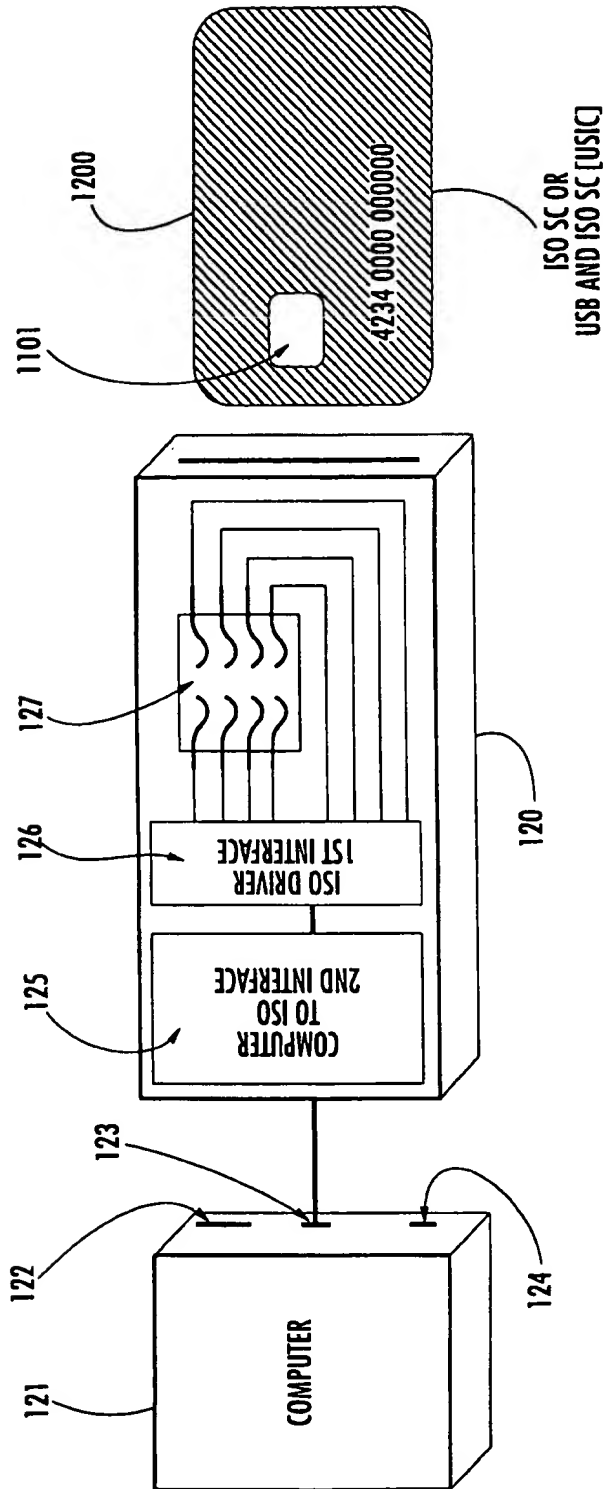


FIG. 11.

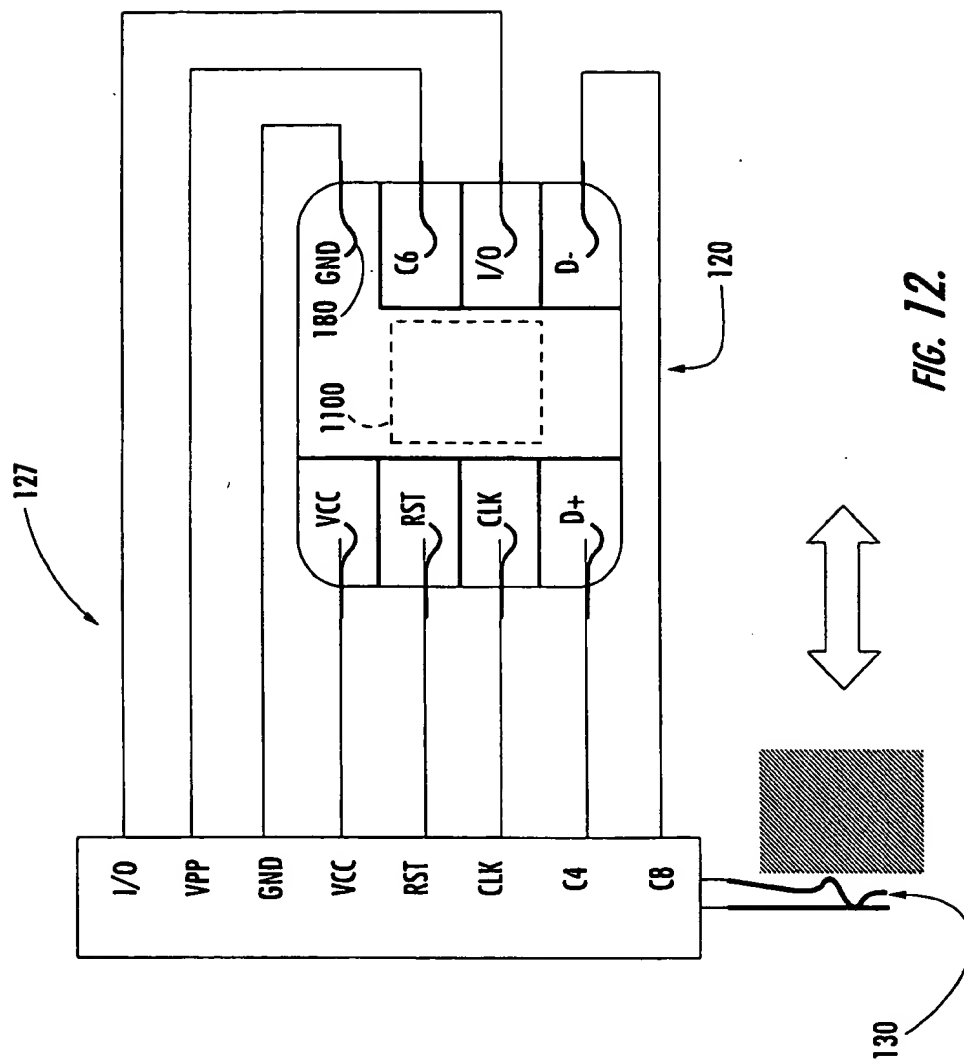


FIG. 12.

Ta: UP TO THE INTERFACE
ta ≤ 200/F
tb ≥ 400/F
400/F ≤ T0 ≤ 40000/F

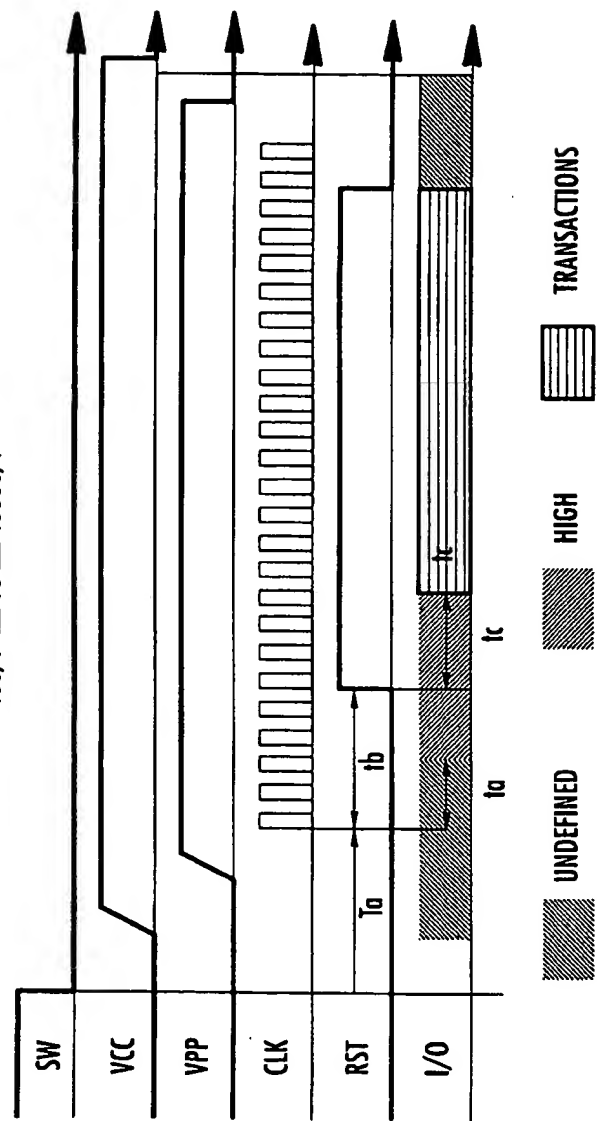


FIG. 13.

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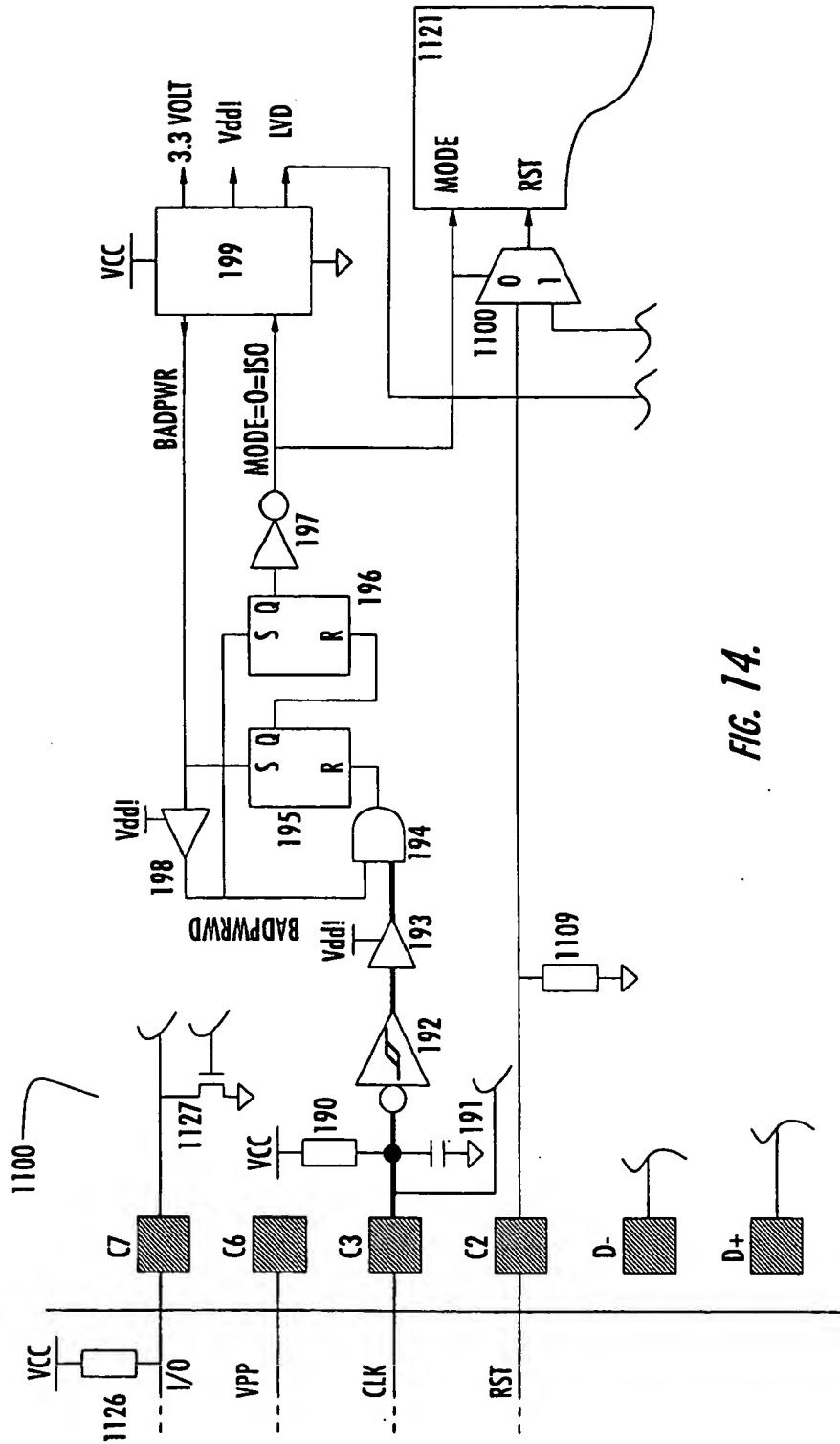


FIG. 14.

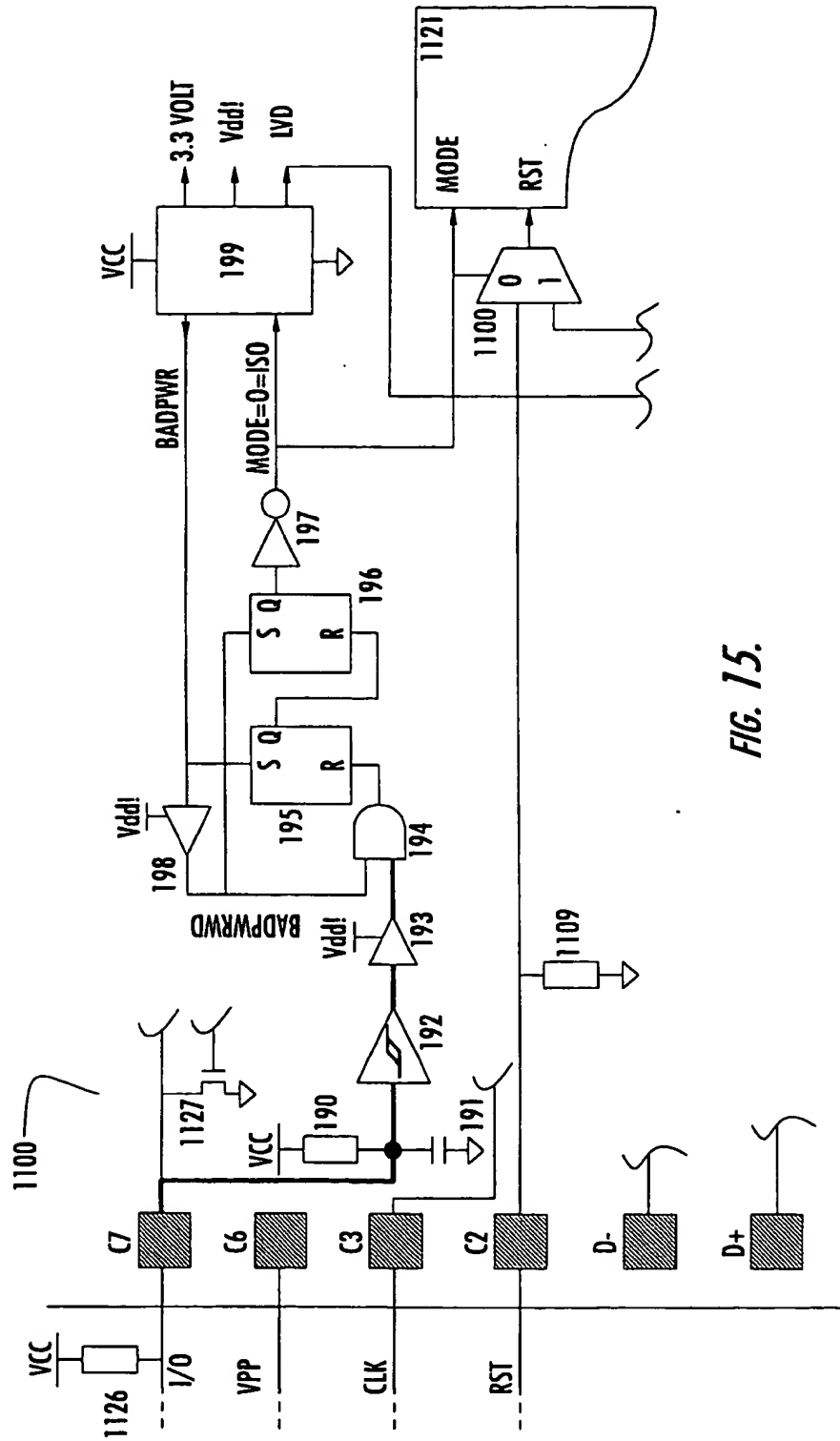


FIG. 15.



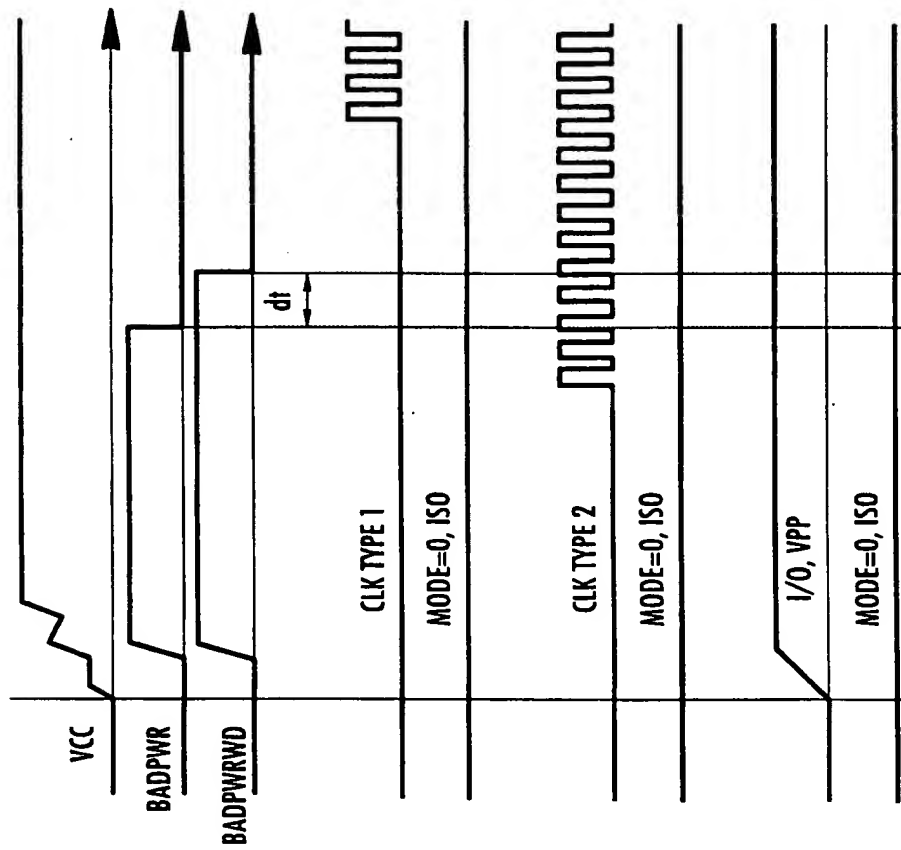


FIG. 17.

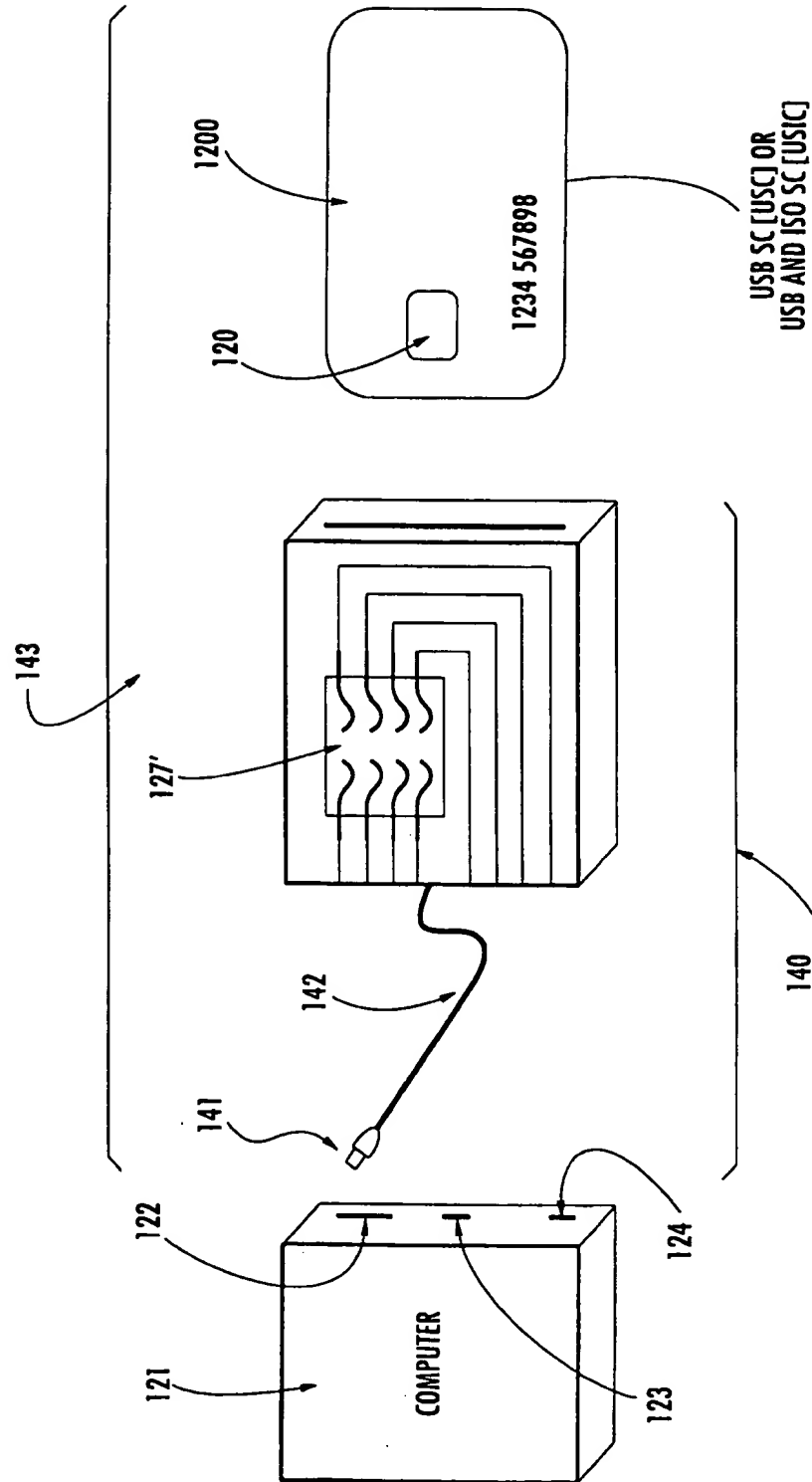


FIG. 18.

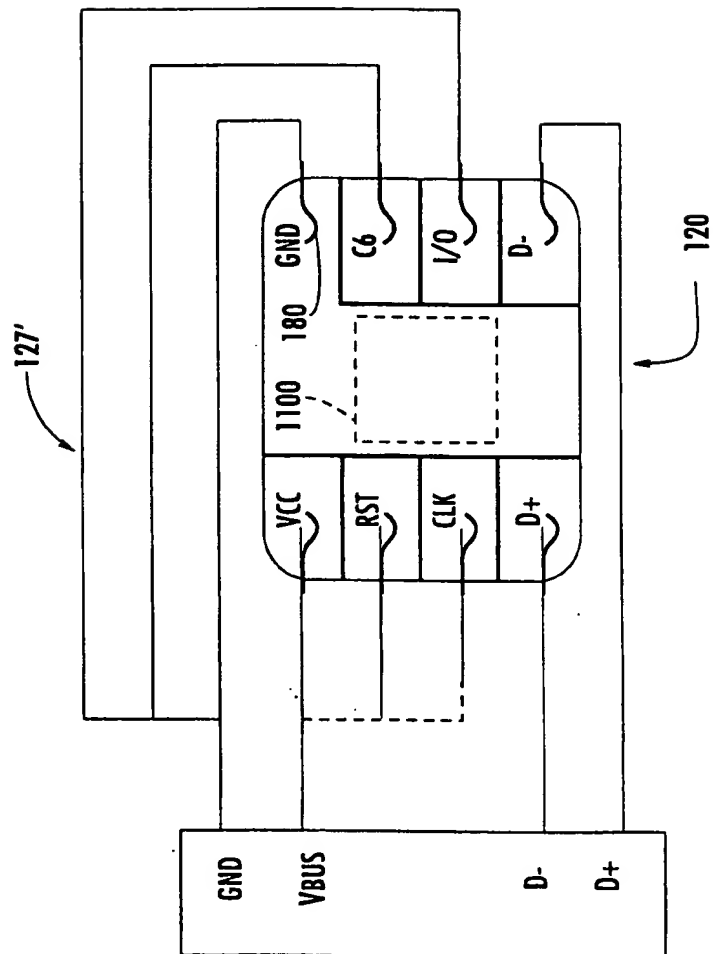


FIG. 19.



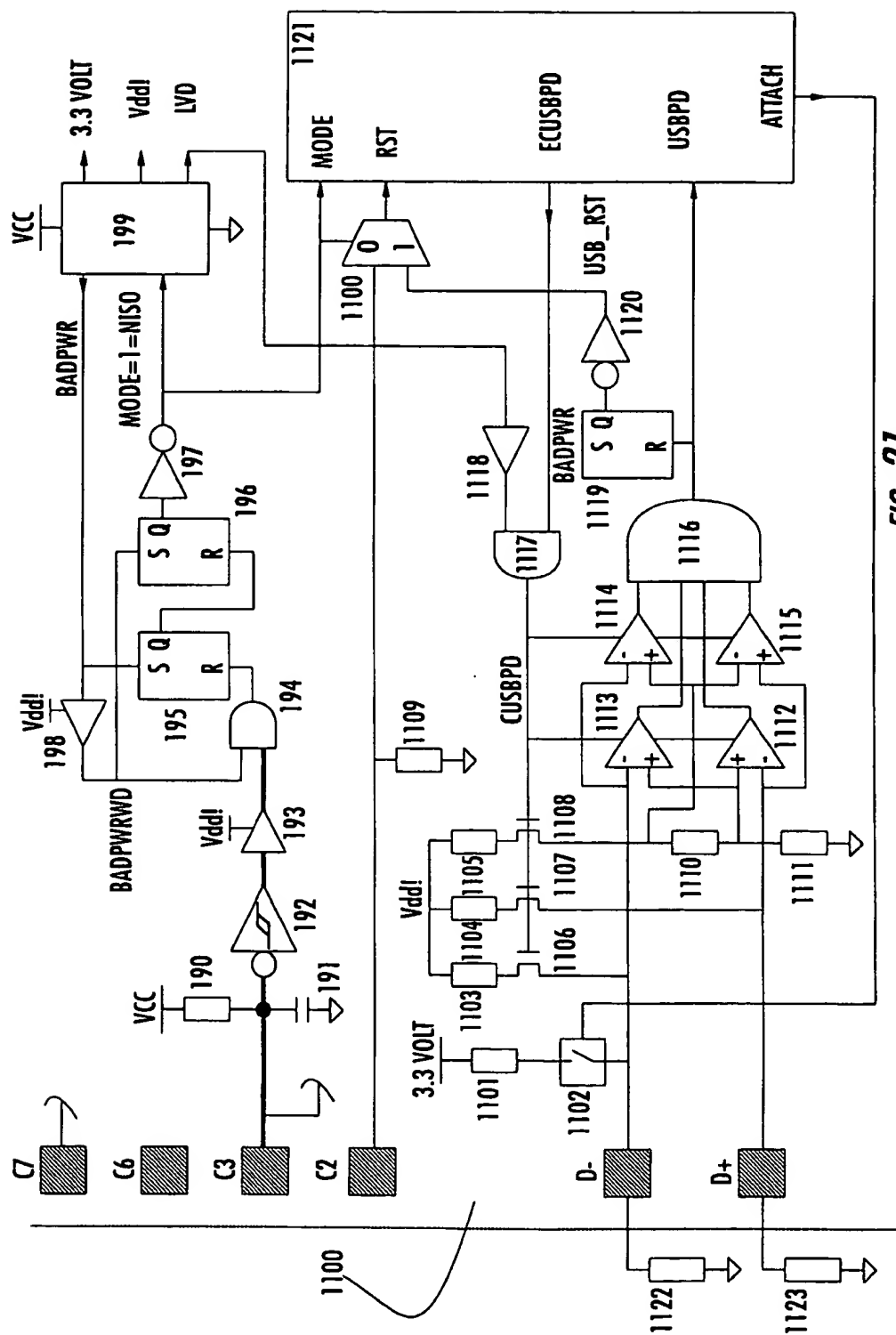


FIG. 21.



FIG. 22.



FIG. 23.

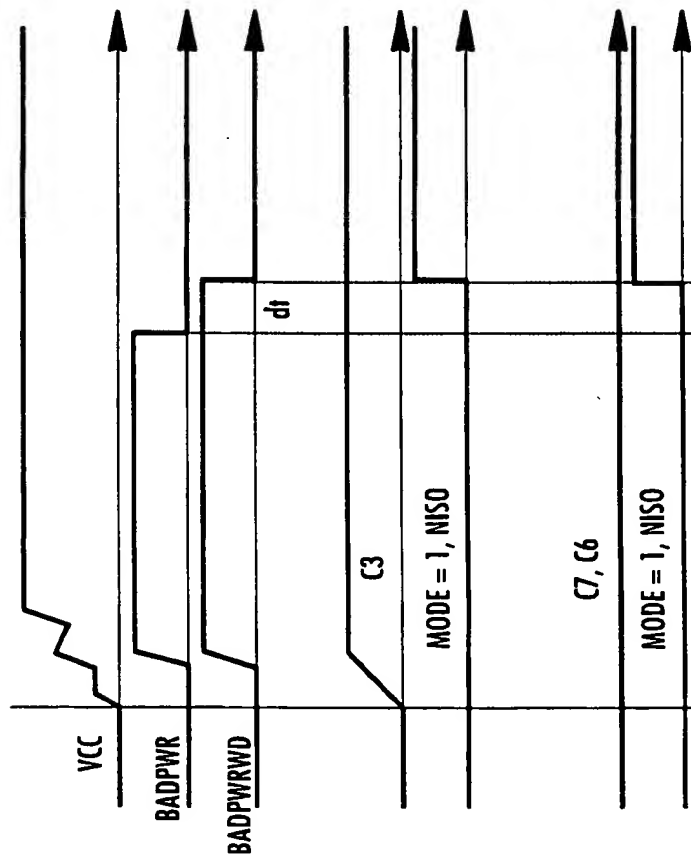
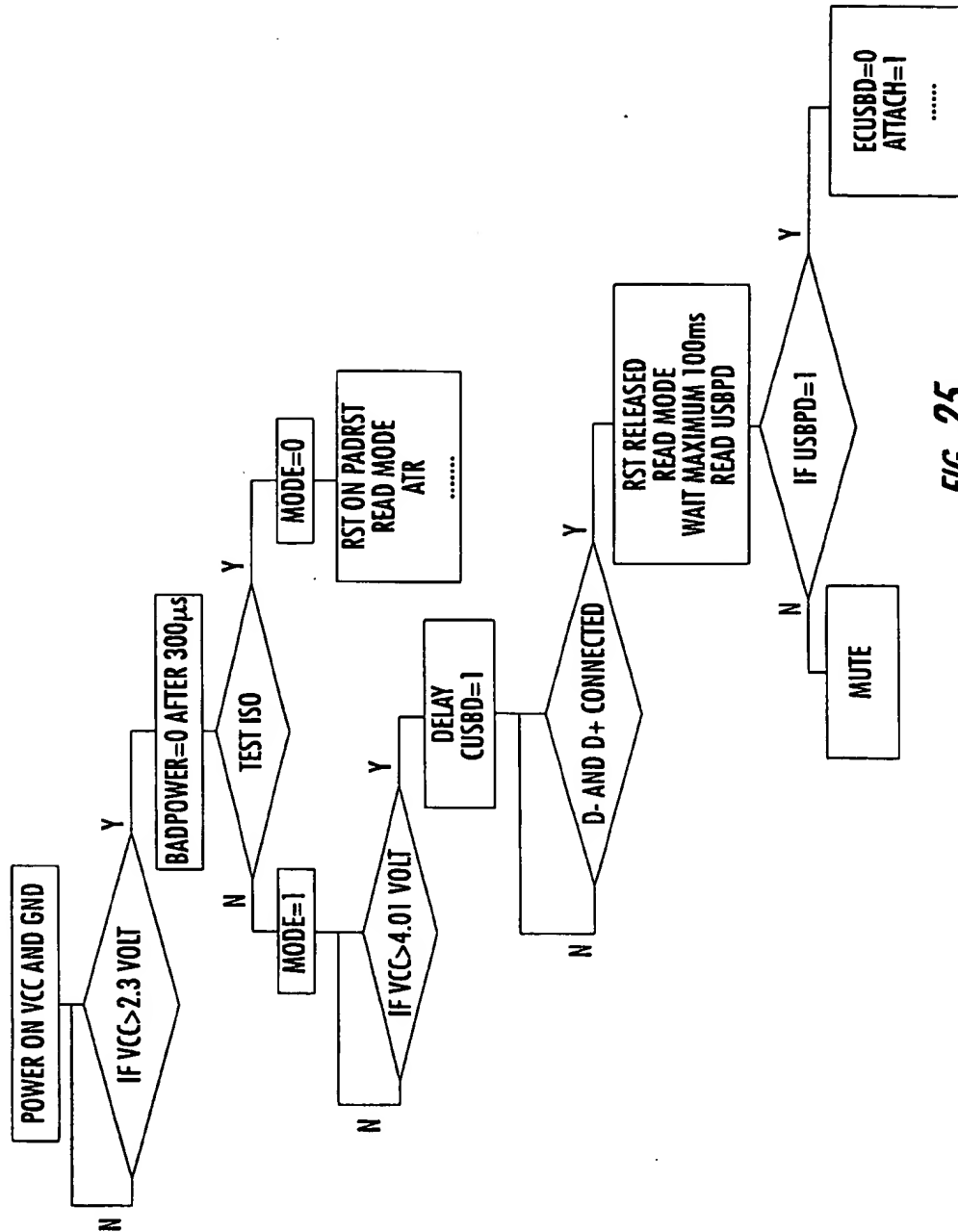


FIG. 24.



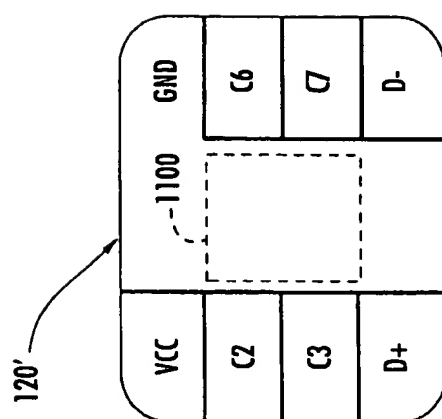


FIG. 26.

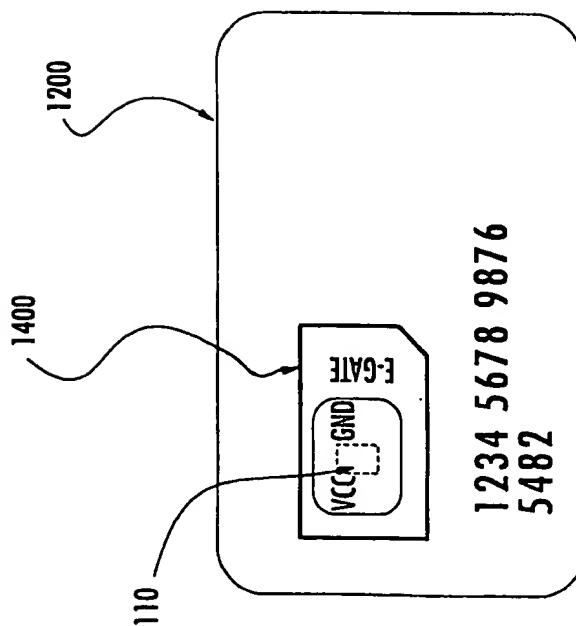


FIG. 27.

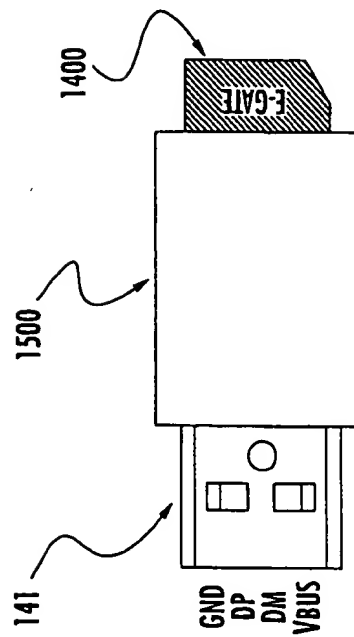


FIG. 28.